

Confidential
DECLASSIFIED

STATISTICS DIVISION

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

JULY, 1942

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STATISTICS DIVISION

JULY 1942

METEOROLOGICAL REGISTER

Date	Barometer reduced to $\pm 0^{\circ}\text{C}$ Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	53.7	54.4	55.0	54.4	31.9	21.2	27.7	30.9	25.6	28.1
2	5.6	5.5	5.5	5.5	31.4	23.1	26.2	31.1	25.6	27.6
3	5.9	6.0	6.0	6.0	32.3	22.4	28.3	32.1	26.0	28.8
4	5.4	5.2	5.2	5.3	32.5	22.4	27.7	31.9	25.7	28.4
5	5.0	5.2	5.5	5.2	31.5	22.7	27.4	31.2	24.8	27.8
6	56.2	56.2	56.5	56.3	31.9	22.8	26.8	31.3	25.8	28.0
7	6.9	7.1	7.4	7.1	32.2	22.9	27.2	31.3	25.6	28.1
8	7.9	7.3	7.0	7.4	32.5	23.3	27.2	32.1	26.1	28.5
9	6.4	6.1	6.1	6.2	32.8	23.9	27.8	31.5	26.1	28.5
10	5.7	6.1	6.1	6.0	32.8	23.1	28.8	32.1	26.3	29.1
11	56.1	56.0	55.8	56.0	32.5	23.9	27.8	32.1	26.3	28.7
12	5.0	4.7	4.6	4.8	32.8	24.4	28.0	31.9	26.6	28.8
13	4.2	3.9	4.0	4.0	32.7	24.2	28.2	32.5	26.3	29.0
14	4.0	4.0	4.1	4.0	33.0	23.6	27.7	32.6	26.9	29.1
15	4.9	5.2	4.9	5.0	33.7	25.1	27.4	33.1	27.2	29.2
16	55.3	56.6	56.7	56.2	33.4	23.6	28.4	32.6	26.8	29.3
17	7.5	7.0	6.0	6.8	32.9	24.3	28.6	31.4	26.1	28.7
18	5.0	4.7	4.2	4.6	32.4	22.9	28.6	32.4	26.3	29.1
19	4.0	4.1	5.0	4.4	32.7	24.8	28.0	32.3	26.6	29.0
20	4.3	4.2	4.0	4.2	33.4	23.8	28.3	32.7	26.8	29.3
21	53.5	52.7	53.2	53.1	32.6	24.4	27.6	32.2	27.2	29.0
22	3.5	3.2	4.6	3.8	33.2	24.1	27.9	32.3	26.8	29.0
23	4.3	5.0	5.4	4.9	34.8	24.4	31.9	34.3	26.7	31.0
24	7.0	7.5	7.6	7.4	34.0	24.2	29.5	32.8	26.8	28.7
25	7.4	6.8	5.9	6.7	32.6	23.3	27.6	32.3	26.6	28.8
26	54.9	54.4	53.7	54.3	32.9	23.2	27.7	32.6	26.8	29.0
27	2.7	3.6	3.9	3.4	33.0	23.7	28.2	32.3	26.1	28.9
28	7.9	5.5	6.3	6.6	33.0	24.1	28.3	32.7	26.8	29.1
29	6.9	6.8	7.0	6.9	33.8	23.8	27.7	32.7	26.8	29.1
30	4.9	4.5	4.5	4.6	33.6	23.6	27.8	32.5	26.6	29.0
31	3.8	3.8	3.9	3.8	33.0	23.9	28.7	32.7	26.7	29.4
	55.34	55.26	55.34	55.31	32.83	23.26	27.71	32.19	26.37	28.84

Barometer, range for month 757.9 mm.-752.7 mm.

„ 62-yr. average for month 755.54 mm.

Thermometer, range for month $34.8^{\circ}\text{C.}-21.2^{\circ}\text{C.}$

„ 62-yr. average for month 27.92°C.

Rain, total for month 0.0 mm.

„ , 62-yr. average for month 0.51 mm.

„ , total, from Sept. 1st 886.20 mm.

62-yr. average, total from Sept. 1st 899.43 mm.

*Summer time

JULY 1942

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	20.2	19.2	17.1	18.8	73	57	70	67	11.6	632.0	
2	18.9	17.9	17.3	17.4	67	53	71	64	11.2	408.0	
3	17.8	20.5	19.7	19.3	62	58	79	66	12.5	512.0	
4	19.0	18.6	18.8	18.8	68	53	76	66	13.0	256.0	
5	17.7	18.7	18.8	18.4	55	55	81	67	12.7	505.6	
6	18.6	19.5	19.1	19.1	70	57	76	68	12.3	352.0	
7	18.3	20.4	19.7	19.5	68	59	79	69	12.8	208.0	
8	19.2	20.1	19.9	19.7	72	56	79	69	13.2	262.4	
9	18.1	19.7	16.9	18.2	65	57	67	63	12.5	320.0	
10	18.2	21.3	19.1	19.5	61	60	74	65	13.2	432.0	
11	18.9	20.0	19.9	19.6	68	56	78	67	12.7	640.0	
12	19.7	20.3	20.2	20.1	70	57	77	68	12.3	728.0	
13	20.7	21.5	21.1	21.1	73	59	83	72	12.6	568.0	
14	21.3	21.9	21.9	21.7	76	60	83	73	12.5	520.0	
15	21.4	21.8	21.9	21.7	79	57	82	73	12.2	592.0	
16	20.6	21.9	20.6	21.0	72	60	79	70	12.5	640.0	
17	19.2	18.7	18.4	18.8	66	54	73	64	12.7	480.0	
18	18.0	18.4	17.2	17.9	62	51	67	60	12.5	488.0	
19	18.7	18.6	20.4	19.2	66	52	78	65	12.6	680.0	
20	20.3	22.5	22.2	21.7	71	60	85	72	12.6	512.0	
21	20.1	21.2	16.2	19.2	73	59	62	65	11.9	611.2	
22	20.6	21.7	20.8	21.0	74	60	80	71	12.8	608.0	
23	13.9	20.8	21.3	18.8	46	52	84	59	12.3	266.0	
24	21.9	22.0	19.7	21.2	71	59	75	68	12.4	152.0	
25	20.7	20.4	20.6	20.6	76	57	80	71	12.6	200.0	
26	20.4	20.5	19.5	20.1	74	56	74	68	12.7	326.4	
27	18.6	20.8	20.5	20.0	65	58	82	68	12.5	307.2	
28	20.6	21.1	20.7	20.8	72	59	79	70	11.6	272.0	
29	20.7	21.0	21.0	20.9	74	57	80	70	12.0	408.0	
30	19.7	20.5	19.6	19.9	71	56	76	68	12.5	480.0	
31	19.8	20.6	20.1	20.2	63	56	77	67	11.7	488.0	
	19.34	20.39	19.79	19.81	68.7	56.7	77.0	67.5	12.42	446.92	

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.: above sea level 30.3 m.

Time of Readings minus 3 hours equals G.C.T.

62-year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	1cu	0.3	2sw	4sw	2sw	light	Fog over Mt.
2	10cu	0	0	3.3	3sw	4sw	2sw	"	
3	1cu	2cu	0	1.0	2sw	3sw	1sw	"	
4	0	0	0	0.0	2sw	2sw	0	"	
5	0	5cu	0	1.7	3sw	2sw	1sw	"	
6	0	0	0	0.0	2sw	1sw	1sw	calm	H p.m.
7	0	1cu	0	0.3	1sw	1sw	0	"	
8	4cu	1cu	0	1.7	1sw	1sw	0	"	
9	0	5cu	0	1.7	2sw	2sw	1sw	"	
10	0	2cu	0	1.0	2sw	3sw	0	light	W at night
11	0	1cu	0	0.3	3sw	2sw	2sw	calm	W at night
12	0	0	0	0.0	3sw	4sw	0	light	" " "
13	0	2cu	0	0.7	4sw	4sw	0	"	" " "
14	4cu	0	0	1.3	2sw	3sw	1sw	"	" " "
15	0	0	0	0.0	2sw	2sw	1sw	calm	" " "
16	1cu	0	0	0.3	5sw	4sw	2sw	light	
17	0	0	0	0.0	3sw	4sw	1sw	slight	
18	3cu	1cu	0	1.3	1sw	1sw	1sw	"	
19	0	0	1cu	0.3	2sw	3sw	0	"	W at night
20	0	1cu	1cu	0.7	2sw	3s	0	light	" " "
21	0	0	3stratus	1.0	1sw	3sw	1sw	calm	W at night
22	0	0	0	0.0	3sw	2sw	2sw	"	
23	0	0	0	0.0	1sw	1sw	0	"	
24	1cu	0	0	0.3	1sw	1sw	0	light	
25	6cu	0	0	2.0	1sw	2w	0	calm	H p.m.
26	0	0	9cu	3.0	2sw	2sw	1sw	calm	H a.m.
27	0	1cu	0	0.3	2sw	1sw	0	"	
28	0	2cu	0	0.7	2sw	3sw	0	light	
29	0	0	7cu	2.3	2sw	2sw	0	calm	
30	0	0	0	0.0	1sw	2sw	2sw	"	H a.m.
31	0	1cu	0	0.3	2sw	3sw	1sw	light	" "
				0.83					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind.

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	0	0	0	0	0	31	0	0	0	31
14:30	0	0	0	0	1	29	1	0	0	31
20:30	0	0	0	0	0	17	0	0	14	31
Totals	0	0	0	0	1	77	1	0	14	93

Number of days with rain 0, fog 1, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 0.2 days